

#3



**DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION  
(37 C.F.R. § 1.63)**

Declaration submitted after Initial Filing

Applicant: Bharti Temkin, et al.      Serial No. 09/677,073

Filed: September 29, 2000      Examiner: N/A

Group Art Unit: 2123

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe, I am the original, first and sole inventor (if only one name is listed below) or, the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HAPTIC RENDERING OF VOLUMETRIC SOFT-BODIES OBJECTS

the specification of which was filed on September 29, 2000 as United States Application Number 09/677,073.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims (and as amended by any amendment specifically referred to above).

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §1.19(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having

a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES/NO

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States Provisional application(s) listed below.

Application Number	Filing Date (MM/DD/YYYY)
60/156,852	09/30/1999

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Name	Registration No.	Name	Registration No.
Jerry Cohen	20,522	Stephen Y. Chow	31,338
Christine M. Kuta	38,001	Jacob N. Erlich	24,338
Harvey Kaye	18,987		

All correspondence should be addressed to:

Jerry Cohen, Esq.  
Perkins, Smith & Cohen, L.L.P.  
One Beacon Street, Suite 30  
Boston, MA 02108-3106

All telephone calls should be directed to Jacob N. Erlich,  
telephone number (617)854-4000, Fax number (617)854-4040.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors:

Given Name (first and middle (if any))	Family Name or Surname
Bharti	TEMKIN
Inventor's Signature	<i>Bharti Temkin</i>
Date	11 / Jan / 2001
Inventor's Residence (City, State, Country)	Ransom Canyon, TX USA
Inventor's Citizenship	US
Post Office Address (line 1)	c/o Texas Tech University Technology Transfer and Intellectual Property
Post Office Address (line 2)	P.O. Box 42007
Post Office Address (line 3)	Lubbock, Texas 79409

Given Name (first and middle (if any))	Family Name or Surname
Jonathan R.	BURGIN
X Inventor's Signature	
X Date	
Inventor's Residence (City, State, Country)	Elmendorf, TX USA
Inventor's Citizenship	US
Post Office Address (line 1)	c/o Texas Tech University Technology Transfer and Intellectual Property
Post Office Address (line 2)	P.O. Box 42007
Post Office Address (line 3)	Lubbock, Texas 79409



**DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION**  
**(37 C.F.R. § 1.63)**

Declaration submitted after Initial Filing

Applicant: Bharti Temkin, et al.      Serial No. 09/677,073

Filed: September 29, 2000      Examiner: N/A

Group Art Unit: 2123

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe, I am the original, first and sole inventor (if only one name is listed below) or, the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HAPTIC RENDERING OF VOLUMETRIC SOFT-BODIES OBJECTS

the specification of which was filed on September 29, 2000 as United States Application Number 09/677,073.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims (and as amended by any amendment specifically referred to above).

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §1.19(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having

a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES/NO

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States Provisional application(s) listed below.

Application Number	Filing Date (MM/DD/YYYY)
60/156,852	09/30/1999

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Name	Registration No.	Name	Registration No.
Jerry Cohen	20,522	Stephen Y. Chow	31,338
Christine M. Kuta	38,001	Jacob N. Erlich	24,338
Harvey Kaye	18,987		

All correspondence should be addressed to:

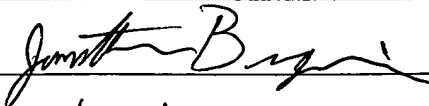
Jerry Cohen, Esq.  
Perkins, Smith & Cohen, L.L.P.  
One Beacon Street, Suite 30  
Boston, MA 02108-3106

All telephone calls should be directed to Jacob N. Erlich,  
telephone number (617)854-4000, Fax number (617)854-4040.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventors:

Given Name (first and middle (if any))	Family Name or Surname
Bharti	TEMKIN
Inventor's Signature	
Date	
Inventor's Residence (City, State, Country)	Ransom Canyon, TX USA
Inventor's Citizenship	US
Post Office Address (line 1)	c/o Texas Tech University Technology Transfer and Intellectual Property
Post Office Address (line 2)	P.O. Box 42007
Post Office Address (line 3)	Lubbock, Texas 79409

Given Name (first and middle (if any))	Family Name or Surname
Jonathan R.	BURGIN
Inventor's Signature	
Date	1/10/01
Inventor's Residence (City, State, Country)	Elmendorf, TX USA
Inventor's Citizenship	US
Post Office Address (line 1)	c/o Texas Tech University Technology Transfer and Intellectual Property
Post Office Address (line 2)	P.O. Box 42007
Post Office Address (line 3)	Lubbock, Texas 79409